

**10/574046**

Attorney's Docket No. 040989/309915

IN THE UNITED STATES DESIGNATED OFFICE (DO/US)

IAP5 Rec'd PCT/PTO 29 MAR 2006

In re: Dickey et al.

Attn: DO/US

International Appl. No.: PCT/US2004/011965

International Filing Date: 16 APRIL 2004

For: ALPHA INTERFERON VARIANTS

March 29, 2006

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

The documents listed on the attached PTO-1449 were cited in the International Search Report of corresponding International Application No. PCT/US2004/011965. A copy of the Search Report is enclosed for the Examiner's convenience. In accordance with the Office waiver published July 11, 2003, copies of the cited U.S. patents and patent application publications are not enclosed. Applicant does enclose copies of any cited foreign patent documents and non-patent literature in accordance with 37 CFR 1.98(a)(2).

The Examiner may wish to consider the notations on the Search Report itself regarding the relevance of each item. It is requested that the Examiner consider these references and officially make them of record in accordance with the provisions of 37 C.F.R. § 1.97 and Section 609 of the MPEP. By submitting the listed documents, Applicant in no way makes any admission as to the prior art status of the listed documents, but is instead submitting the listed documents for the sake of full disclosure.

Respectfully submitted,

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<p><b>ALSTON &amp; BIRD LLP</b> Bank of America Plaza 101 South Tryon Street, Suite 4000 Charlotte, NC 28280-4000 Tel Raleigh Office (919) 862-2200 Fax Raleigh Office (919) 862-2260 <b>Customer No. 00826</b></p>	<p>"Express Mail" Mailing Label Number EV 387075008 US Date of Deposit: March 29, 2006 I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop PCT, Commissioner for Patents, Alexandria, VA 22313-1450.</p> <p>Lynda Jo Pixley</p>
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Substitute for form 1449/PTO (Revised 07/2005)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	To Be Assigned <i>10/574046</i>
				Filing Date	Filed Concurrently Herewith
				First Named Inventor	Dickey
				Group Art Unit	To Be Assigned
				Examiner Name	To Be Assigned
Sheet	1	of	1	Attorney Docket Number	040989/309915

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Document Number Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No.	Foreign Patent Document Country Code - Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	English Language Translation Attached
/BH/	1	WO 02/10414 A2	02-07-2002	Biolex, Inc.		
/BH/	2	WO 02/43650 A2	06-06-2002	Viro-Gene Ltd.		

**OTHER DOCUMENTS**

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s) , volume-issue number(s), publisher, city and/or country where published.	English Language Translation Attached
/BH/	3	ACKERMAN, S.K., <i>et al.</i> , "Biologic Activity in a Fragment of Recombinant Human Interferon $\alpha$ , <i>Proc. Natl. Acad. Sci., USA</i> , 1984, pp. 1045-1047, Vol. 81.	
	4	ARNHEITER, H., <i>et al.</i> , "Orientation of a Human Leukocyte Interferon Molecule on its Cell Surface Receptor: Carboxyl Terminus Remains Accessible to a Monoclonal Antibody Made Against a Synthetic Interferon Fragment," <i>Proc. Natl. Acad. Sci., USA</i> , 1983, pp. 2539-2543, Vol. 80.	
	5	CHANG, N.T., <i>et al.</i> , "Synthesis of a Human Leukocyte Interferon with a Modified Carboxy Terminus in <i>Escherichia coli</i> ," <i>Archives of Biochemistry and Biophysics</i> , 1983, pp. 585-589, Vol. 221(2).	
	6	CHEETHAM, B.F., <i>et al.</i> , "Structure-Function Studies of Human Interferons- $\alpha$ : Enhanced Activity on Human and Murine Cells," <i>Antiviral Research</i> , 1991, pp. 27-40, Vol. 15	
	7	FRANKE, A.E., <i>et al.</i> , "Carboxyterminal Region of Hybrid Leukocyte Interferons Affects Antiviral Specificity," <i>DNA</i> , 1982, Vol. 1(3).	
	8	GASDASKA, J.R., <i>et al.</i> , "Advantages of Therapeutic Protein Production in the Aquatic Plant <i>Lemna</i> , <a href="http://www.bioprocessingjournal.com">www.bioprocessingjournal.com</a> , March/April 2003.	
↓	9	LEVY, W.P., <i>et al.</i> , "Amino Acid Sequence of a Human Leukocyte Interferon," <i>Proc. Natl. Acad. Sci., USA</i> , 1981, pp. 6186-6190, Vol. 78(10).	
Examiner Signature	/Bruce Hissong/		Date Considered 06/09/2009

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.